

Converting Colors

XYZ(28.0724, 24.1482, 11.2699)

Have a look what the booklet for
XYZ(28.0724, 24.1482, 11.2699)
contains.

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Color

**XYZ(28.1657, 24.1325,
11.3572)**

Conversions

Conversions Part 1

Format	Color
Hex	B97753
RGB	185, 119, 83
RGB Percent	73%, 47%, 33%
CMY	0.2745, 0.5333, 0.6745
CMYK	0.00, 0.36, 0.55, 0.27
HSL	21°, 42%, 53%
HSV	21°, 55%, 73%
XYZ	28.1657, 24.1325, 11.3572
YIQ	134.6300, 50.8920, 2.7960

Conversions

Conversions Part 2

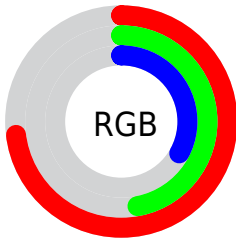
Format	Color
R_{YB}	185, 139, 83
Decimal	12154707
CIE _{Lab}	56.22, 22.05, 30.37
CIE _{LCh}	56, 37.534, 54.016
Yxy	24.1325, 0.4425, 0.3791
Android (android.graphics.Color)	4290344787 (0xFFB97753)
YUV	134.6300, -25.4536, 44.1745
Hunter-Lab	49.1248, 16.3744, 20.6801

Details

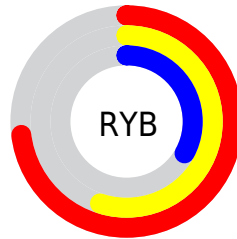
The XYZ color **28.1657, 24.1325, 11.3572** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.0710, 26.8352, 49.8623**, and the grayscale version is **22.9707, 24.1670, 26.3178**.

A 20% lighter version of the original color is **56.2944, 50.4316, 28.9575**, and **11.4262, 9.1031, 2.9051** is the 20% darker color. If you saturate the color by 10%, you get **26.2086, 21.2130, 7.6388**, and if you desaturate by 10%, it is **30.4940, 27.4896, 16.1399**.

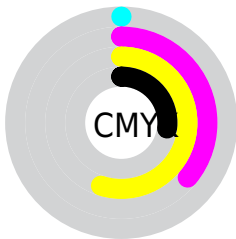
Distribution



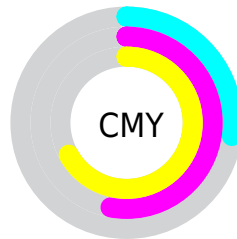
- Red (73%)
- Green (47%)
- Blue (33%)



- Red (73%)
- Yellow (55%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (55%)
- Black (27%)



- Cyan (27%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1657, 24.1325, 11.3572 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.1657, 24.1325, 11.3572 by changing the saturation by 10% instead.

■ 28.1657, 24.1325,
11.3572

■ 28.1657, 24.1325,
11.3572

285.3236,
273.4897, 210.9267

■ 18.5917, 15.4319,
6.1904

■ 56.1557, 50.2463,
28.9655

■ 11.4779, 9.1231,
2.8906

■ 75.3024, 68.4284,
42.2441

■ 6.4589, 4.8216,
1.0390

■ 98.3706, 90.5397,
59.0638

■ 3.1694, 2.1429,
0.0000

■ 125.7259,
116.9648, 79.8431

■ 1.2439, 0.6886,
0.0000

■ 157.7335,
148.0879, 105.0004

■ 0.1406, 0.0000,
0.0000

194.7587,

■ 0.0000, 0.0000,

184.2935, 134.9545

0.0000

237.1669,
225.9660, 170.1237

■ 28.1657, 24.1325,
11.3572

■ 28.1657, 24.1325,
11.3572

■ 26.2086, 21.2130,
7.6388

■ 30.4940, 27.4896,
16.1399

■ 24.5988, 18.7078,
4.8994

■ 33.2118, 31.2987,
22.0605

■ 23.3117, 16.5970,
3.0425

■ 36.3384, 35.5780,
29.1875

■ 22.3180, 14.8565,
1.9498

■ 39.8908, 40.3436,
37.5834

■ 21.9151, 14.1296,
1.5722

■ 43.8854, 45.6107,
47.3067

■ 48.3375, 51.3940,
58.4119

■ 53.2615, 57.7073,
70.9506

■ 58.6715, 64.5640,
84.9718

■ 64.5805, 71.9770,
100.5219

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.3813, 24.1325, 17.7433



28.1657, 24.1325, 11.3572



23.8131, 24.1325, 9.0207

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.1657, 24.1325, 11.3572



15.6355, 24.1325, 23.8760



26.4824, 24.1325, 54.5058

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.1657, 24.1325, 11.3572



23.0710, 26.8352, 49.8623

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



22.0831, 24.1325, 57.7014



28.1657, 24.1325, 11.3572



16.1626, 24.1325, 37.1820

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.1657, 24.1325, 11.3572



16.8572, 24.1325, 14.6414



18.3995, 24.1325, 50.5751



30.3273, 24.1325, 42.8565

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.1657, 24.1325, 11.3572



20.9859, 24.1325, 9.3070



18.3995, 24.1325, 50.5751



25.0059, 24.1325, 56.7305

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.1663, 24.1337, 11.3577



70.0151, 70.3512, 63.8920



28.5496, 18.6805, 30.6605



14.8155, 14.7941, 13.1121



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1663, 24.1337, 11.3577



46.3316, 37.0629, 12.5948



35.8873, 39.5757, 13.9313



9.2570, 9.5170, 9.4560



14.9852, 9.7467, 1.0915



0.5877, 0.4625, 0.0583

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.0710, 26.8352, 49.8623



36.2305, 42.2663, 88.4533



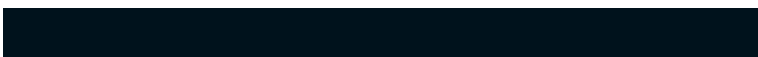
16.7202, 14.1336, 47.7454



8.9927, 9.6626, 11.4705



10.5818, 11.6232, 32.9389



0.4289, 0.5215, 1.1798

Previews

White Background



This preview shows how the XYZ color 28.1657, 24.1325, 11.3572 looks on a white background.

Color Contrast Check

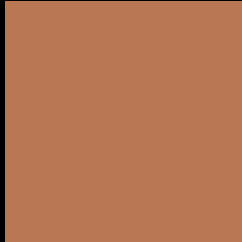
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.1657, 24.1325, 11.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

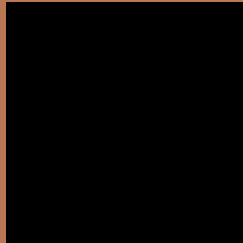
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1657, 24.1325, 11.3572

Background



This preview shows how black text looks on a background with the XYZ color 28.1657, 24.1325, 11.3572.



This preview shows how white text looks on a background with the XYZ color 28.1657, 24.1325,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.1657, 24.1325, 11.3572

Protanopia

22.4998, 24.2523, 12.9465

Deuteranopia

24.6453, 24.1871, 11.1542



Tritanopia

30.2692, 24.1311, 21.4748

Trichromacy



Original Color

28.1657, 24.1325, 11.3572

Protanomaly

24.2685, 23.9657, 12.3636

Deuteranomaly

25.8699, 24.0471, 11.2607

Tritanomaly

29.4457, 24.1383, 17.2946

Monochromacy



Original Color

28.1657, 24.1325, 11.3572

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.1395, 23.7338, 19.8318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1657, 24.1325, 11.3572 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 119, 83)` looks like.

```
.text, #text, p{  
    color:rgb(185, 119, 83)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 119, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 119, 83) }
```

Border

The CSS property to change the border of an element to XYZ 28.1657, 24.1325, 11.3572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 119, 83) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 119, 83) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 119, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 119, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 119, 83);  
box-shadow:4px 4px 4px 4px rgb(185, 119,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1657, 24.1325, 11.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 119, 83) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
119, 83) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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